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1986 Population Estimates for Utah

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The Population Estimates Committee has estimated that the population of Utah reached 1,666,000 as of July 1, 1986. This is an increase of 21,000 or 1.3 percent over the 1985 revised estimate of 1,645,000. The U.S. population increase was 0.9 percent during the same period. The last time Utah's population grew by 21,000 or fewer was in 1970 (with an increase of 19,000). The yearly percent increase in population has been greater than 1.3 percent in every year since 1968, when the population in Utah grew by only 1.0 percent.

Clearly, the significantly slower population growth of Utah in the 1980's compared to the 1970's is due in part to weaker economic conditions that resulted in little net in-migration. Natural increase, the other component of population growth, must provide any remaining insight into the slowdown. The population estimate as of July 1, 1980, was 1,474,000 inhabitants for Utah. Over the past six years the population has grown by approximately 192,000 persons. This translates into a 2.1 percent average annual growth rate for the 1980's compared to an average annual growth rate of 3.3 percent for the 1970's. Comparable national figures of the average annual growth rates are 1.1 percent in the 1970's and 1.0 percent in the 1980's.

For the third consecutive year natural increase accounted for all of the state's population growth. Net out-migration was slightly higher than last year, at approximately 7,500. This amounts to 0.4 percent of the 1985 population leaving the state. Utah had an extended period of net in-migration each year from 1969 to 1983. The current out-migration pattern is in its third consecutive year (since 1984). The last time three consecutive years of out-migration occurred was in the 1960's (1963-65).

The rate of out-migration was once again highest in Utah's rural counties, many of which were impacted by the further decline in energy development. These counties include Beaver, Carbon, Duchesne, Grand, Juab, Millard, Rich, Sanpete, Sevier, Tooele and Uintah. In fact, these counties had net out-migration which exceeded natural increase, resulting in a decline in total population. The largest rate of decline was measured in Millard County; however, most of this decrease occurred because of the nearing of completion of the I.P.P. project and the out-migration of construction workers.

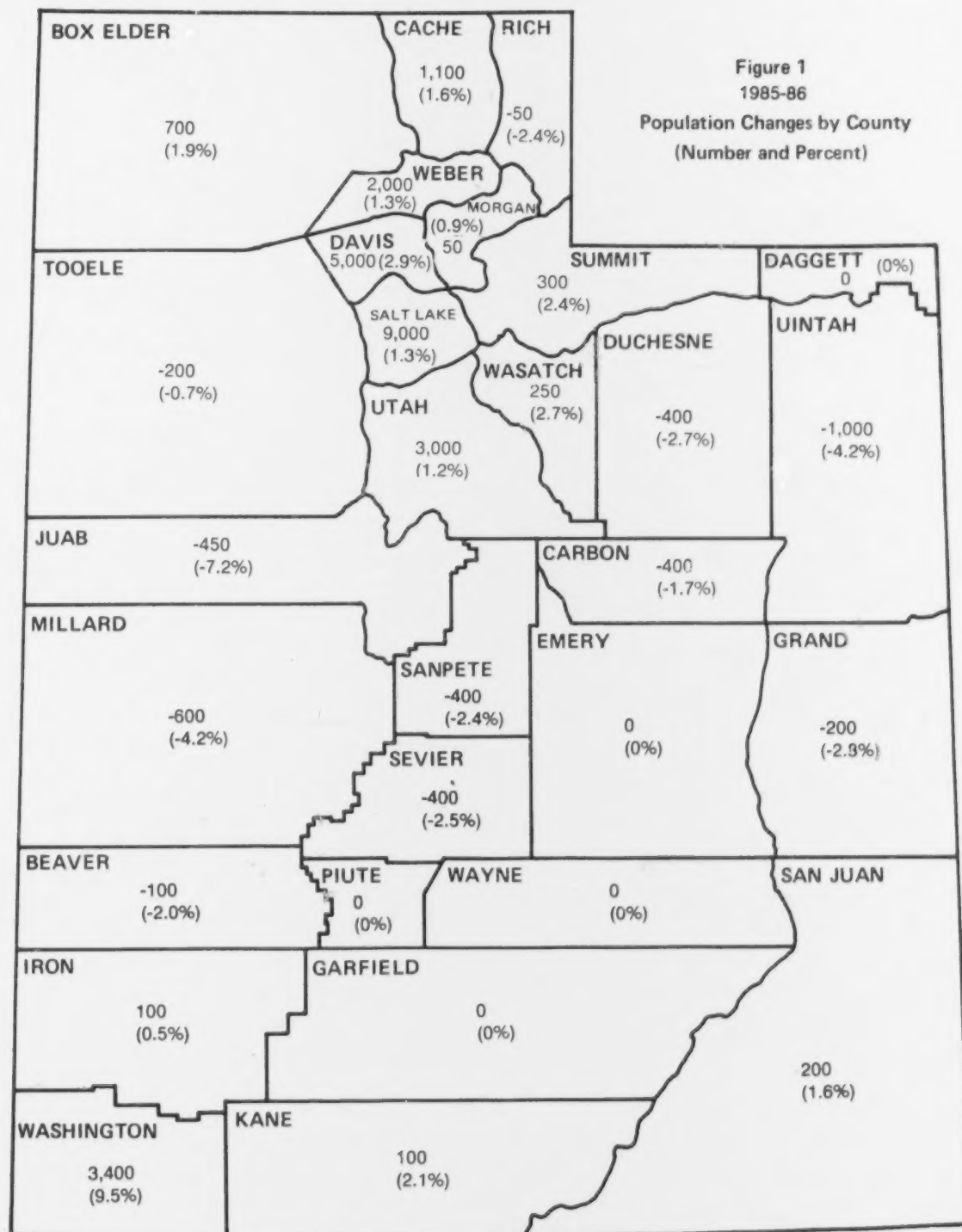


Table 1
Utah Population Density by County
1985 and 1986

County	Land Area		July 1, 1985			July 1, 1986		
			Population Estimate	Population per Sq. Mi.	Population per Sq. Km.	Population Estimate	Population per Sq. Mi.	Population per Sq. Km.
Beaver	2,586	6,698	5,050	2.0	0.8	4,950	1.9	0.7
Box Elder	5,614	14,539	36,600	6.5	2.5	37,300	6.6	2.6
Cache	1,171	3,033	66,700	57.0	22.0	67,800	57.9	22.4
Carbon	1,479	3,831	23,400	15.8	6.1	23,000	15.6	6.0
Daggett	699	1,810	700	1.0	0.4	700	1.0	0.4
Davis	299	775	170,000	568.6	219.4	175,000	585.3	225.8
Duchesne	3,234	8,375	14,700	4.5	1.8	14,300	4.4	1.7
Emery	4,449	11,523	11,800	2.7	1.0	11,800	2.7	1.0
Garfield	5,148	13,333	4,050	0.8	0.3	4,050	0.8	0.3
Grand	3,689	9,554	7,050	1.9	0.7	6,850	1.9	0.7
Iron	3,302	8,551	19,400	5.9	2.3	19,500	5.9	2.3
Juab	3,396	8,796	6,250	1.8	0.7	5,800	1.7	0.7
Kane	3,898	10,095	4,700	1.2	0.5	4,800	1.2	0.5
Millard	6,818	17,659	14,200	2.1	0.8	13,600	2.0	0.8
Morgan	603	1,562	5,450	9.0	3.5	5,500	9.1	3.5
Piute	759	1,965	1,550	2.0	0.8	1,550	2.0	0.8
Rich	1,034	2,679	2,100	2.0	0.8	2,050	2.0	0.8
Salt Lake	756	1,959	689,000	911.4	351.7	698,000	923.3	356.3
San Juan	7,725	20,008	12,500	1.6	0.6	12,700	1.6	0.6
Sanpete	1,586	4,109	16,900	10.7	4.1	16,500	10.4	4.0
Sevier	1,910	4,946	16,200	8.5	3.3	15,800	8.3	3.2
Summit	1,865	4,831	12,400	6.6	2.6	12,700	6.8	2.6
Tooele	6,919	17,921	28,300	4.1	1.6	28,100	4.1	1.6
Uintah	4,479	11,600	24,000	5.4	2.1	23,000	5.1	2.0
Utah	2,018	5,226	250,000	123.9	47.8	253,000	125.4	48.4
Wasatch	1,191	3,084	9,200	7.7	3.0	9,450	7.9	3.1
Washington	2,422	6,272	35,700	14.7	5.7	39,100	16.1	6.2
Wayne	2,461	6,373	2,100	0.9	0.3	2,100	0.9	0.3
Weber	566	1,465	155,000	273.9	105.8	157,000	277.4	107.2
State Total	82,076	212,572	1,645,000	20.0	7.7	1,666,000	20.3	7.8

Most of Utah's population increase occurred in the four Wasatch Front Counties: Davis, Salt Lake, Utah, and Weber. Salt Lake County increased by 9,000, Utah by 3,000, Davis by 5,000, and Weber by 2,000. These four counties collectively increased by 19,000 in population, accounting for 90 percent of the total growth in the state. Washington County was once again the fastest growing county in the state with growth rates of 9.5 percent. Davis County was the second fastest growing county in the state, with 2.9 percent. Kane, Summit and Wasatch Counties also experienced a growth rate greater than 2 percent for the year.

The Population Estimates Committee has revised its 1985 state estimate in order to reach a consensus with the U.S. Bureau of the Census on the state level. This assures consistency between state total population estimates published by the Bureau of the Census and the Population Estimates Committee. However, the Committee's county estimates may still differ from those of the Bureau.

Figure 1 gives the absolute and percentage changes in population for each of the counties. Table 1 shows the population density for each county using the 1980 Census land area. Table 2 presents the revised population estimates for the Multi-County Planning Districts; 1981-1986 county estimates can be found in Table 3. Table 4 shows births, deaths, and natural increase for the period 1960-1985. Table 5 presents natural increase and total net migration by

county for the revised 1984-1985 period and for 1985-1986. Table 6 presents the derivation of the Committee's preliminary July 1, 1986 estimates based on the July 1, 1985 revised county and state population estimates. The revised intercensal population estimates for 1970-1980 are available in the Utah Economic and Business Review, September, 1981, Vol. 41, No. 9.

Organization and Procedure

Coordination and staffing of the Utah Population Estimates Committee is the responsibility of the Data Resources Section of the Utah State Office of Planning and Budget. The Data Resources Section contains the Utah State Census Data Center. The Committee's estimates represent the official estimates for the state and its counties. The Committee is made up of representatives from the Utah State Departments of Health, Employment Security, Social Services, Education, Planning and Budget and members of local universities, businesses and research organizations and the Church of Jesus Christ of Latter-Day Saints (LDS).

The Committee's participation in the Federal-State Cooperative Program for Local Population Estimates provides an opportunity for exchange of data and other information between the Committee and the Bureau of the Census. The intent of this exchange is to improve the quality of estimates of population for the state and its counties by both

Table 2
Population Estimates for Utah
by Multi-County Planning District

	July 1 1977	July 1 1978	July 1 1979	July 1 1980	July 1 1981	July 1 1982	July 1 1983	July 1 1984	July 1 1985*	July 1 1986**
State Total	1,316,000	1,364,000	1,416,000	1,474,000	1,515,000	1,558,000	1,596,000	1,623,000	1,645,000	1,666,000
Bear River	84,350	86,500	89,200	93,350	96,050	99,100	102,100	103,550	105,400	107,150
Wasatch Front										
North	270,900	278,300	289,100	297,950	306,050	314,200	321,250	326,350	330,450	337,500
Wasatch Front										
South	580,250	601,450	624,550	651,200	665,800	681,100	694,300	706,200	717,300	726,100
Mountainlands										
Central	209,700	219,900	229,000	239,050	247,800	255,050	262,850	268,400	271,600	275,150
Southwest	42,550	44,200	45,600	47,600	49,200	51,050	53,600	56,400	57,200	55,350
Uintah Basin	48,800	51,100	53,650	56,050	57,950	60,250	62,900	65,500	68,900	72,400
Southeast	30,550	31,350	32,400	34,150	35,850	38,850	40,450	40,050	39,400	38,000
	48,850	50,950	52,450	54,650	56,300	58,400	58,550	56,550	54,750	54,350

*Revised

**Preliminary

Table 3
Revised Population Estimates
By County

County	July 1 1980	July 1 1981	July 1 1982	July 1 1983	July 1 1984	July 1 1985	July 1 1986
Beaver	4,400	4,600	4,650	5,000	5,150	5,050	4,950
Box Elder	33,500	34,000	34,700	35,300	35,800	36,600	37,300
Cache	57,700	59,800	62,000	64,500	65,600	66,700	67,800
Carbon	22,400	23,100	24,700	24,500	23,700	23,400	23,000
Daggett	750	850	850	750	750	700	700
Davis	148,000	153,000	158,000	162,000	166,000	170,000	175,000
Duchesne	12,700	13,100	13,700	14,400	14,800	14,700	14,300
Emery	11,600	12,100	13,000	13,100	12,400	11,800	11,800
Garfield	3,700	3,700	3,750	3,950	3,950	4,050	4,050
Grand	8,250	8,400	8,100	7,950	7,650	7,050	6,850
Iron	17,500	17,900	18,300	18,900	19,300	19,400	19,500
Juab	5,550	5,600	5,700	5,900	6,150	6,250	5,800
Kane	4,050	4,050	4,150	4,350	4,500	4,700	4,800
Millard	9,050	9,600	10,400	11,400	13,500	14,200	13,600
Morgan	4,950	5,050	5,200	5,250	5,350	5,450	5,500
Piute	1,350	1,400	1,350	1,450	1,500	1,550	1,550
Rich	2,150	2,250	2,400	2,300	2,150	2,100	2,050
Salt Lake	625,000	639,000	654,000	667,000	678,000	689,000	698,000
San Juan	12,400	12,700	12,600	13,000	12,800	12,500	12,700
Sanpete	14,800	15,400	16,100	16,900	17,000	16,900	16,500
Sevier	14,900	15,200	15,500	15,800	16,100	16,200	15,800
Summit	10,400	10,900	11,300	11,800	12,200	12,400	12,700
Tooele	26,200	26,800	27,100	27,300	28,200	28,300	28,100
Uintah	20,700	21,900	24,300	25,300	24,500	24,000	23,000
Utah	220,000	228,000	235,000	242,000	247,000	250,000	253,000
Wasatch	8,650	8,900	8,750	9,050	9,200	9,200	9,450
Washington	26,400	27,700	29,400	30,700	32,600	35,700	39,100
Wayne	1,950	2,000	2,000	2,150	2,150	2,100	2,100
Weber	145,000	148,000	151,000	154,000	155,000	155,000	157,000
State Total	1,474,000	1,515,000	1,558,000	1,596,000	1,623,000	1,645,000	1,666,000

Table 4
Resident Utah Births, Deaths
and Natural Increase
Calendar Years 1960-1985

Year	Births	Deaths	Natural Increase
1960	26,272	5,996	20,276
1961	25,590	6,081	19,509
1962	26,213	6,325	19,888
1963	24,952	6,544	18,408
1964	23,844	6,404	17,440
1965	22,261	6,672	15,589
1966	22,601	6,850	15,751
1967	22,948	6,516	16,432
1968	23,193	6,882	16,311
1969	24,232	6,791	17,441
1970	26,969	7,063	19,906
1971	27,552	7,245	20,307
1972	26,911	7,323	19,588
1973	27,978	7,573	20,405
1974	29,946	7,380	22,566
1975	31,667	7,519	24,148
1976	35,310	7,472	27,838
1977	37,956	7,612	30,344
1978	38,811	7,871	30,940
1979	41,078	7,871	33,207
1980	41,786	8,103	33,683
1981	41,286	8,263	33,023
1982	41,537	8,502	33,035
1983	39,441	8,484	30,957
1984	38,286	8,944	29,342
1985	37,441	9,044	28,397

parties. A major goal of the Committee is to strive for agreement in its estimates and the estimates produced by the Bureau of the Census.

At its December 1986 meeting, the Committee reviewed the state population estimates derived from vital statistics, school enrollment, and L.D.S. church membership data. Employment growth was used as a supplemental data source after the estimates were derived to assure consistency between the magnitude and direction of growth for employment and population.

Methodology for Estimating Population

For the past several years the Utah Population Estimates Committee has utilized two population estimating methods—school enrollment and L.D.S. Church membership—in calculating its state and

county estimates. Two years ago the Committee was able to obtain federal tax return net exemption data for the prior four years. The tax data were used in addition to the previously mentioned methods to estimate the 1981 through 1984 population estimates on the county level, with adjustment in a few counties because of atypical growth experiences. The tax return exemption data for the calendar years 1984 and 1985 (for use in 1985 and 1986 population estimates respectively) proved to be unusable due to reported IRS data processing problems. Also, the new tax reform bill changes the nature of this data base significantly. Continued evaluation and research is being done in anticipation of using the tax return information in future years.

School Enrollment Method

The school enrollment method utilizes data from birth and death records in county of residence as a measure of the natural increase, and fall school enrollment changes as an indicator of net migration.

Natural Increase - Natural increase for any year is defined as the number of births minus the number of deaths occurring to area residents in that year. The 1986 population estimates are based on the number of resident births and deaths that occurred from July 1, 1985 to June 30, 1986. The number of births and deaths occurring to Utah residents for the calendar years 1960-1985 is shown in Table 4. Births in fiscal year 1985-86 (July 1, 1985 through June 30, 1986) were 37,145. This is the lowest number of births in Utah since fiscal year 1976-77 when births were 36,709. The largest number of births occurred in fiscal year 1981 at 41,582, declining each year since.

The crude birth rate (births during the calendar year per 1,000 population on July 1st) has dropped from 28.3 in 1980 to 22.7 in 1985. Utah had the highest crude birth rate in the U.S. in 1980, but is now exceeded by Alaska. This is due to Alaska's dominance of child-bearing-age adults in its population. The U.S. crude birth rate held virtually constant during this same period registering 15.9 in 1980 and 15.7 in 1985. Even at its current level, Utah's crude birth rate is still much higher (by 45 percent) than the national rate.

The significant declines in the absolute number of births and in the crude birth rate during the last four years have signaled a major demographic change in Utah. The most complete measure of fertility in any given year is "total fertility." The total fertility rate for a given year shows how many births the

average woman would have during her entire child-bearing period (defined to be ages 15 to 44); if, during her reproductive period, she were to experience the same age-specific birth rates that occurred for all women of childbearing age in that given year.

Utah has had, and continues to have, the highest total fertility rate in the nation. However, total fertility in Utah has been falling since 1980 from 3.2 births per woman to an estimated 2.7 births per woman in 1985. The U.S. total fertility rate has held at an almost constant rate of 1.8 births per woman since the mid-70's.

The recent decline in fertility of Utah women seems to indicate that Utah's family size is now moving closer to the U.S. average. However, the rate of decline in Utah fertility is slowing and Utah fertility rates will undoubtedly continue to be substantially higher than national rates.

With only occasional reversals, the total number of deaths has increased each year since 1960; however, deaths per thousand population have decreased from 6.7 in 1960 to 5.5 in 1980. This rate of 5.5 deaths per thousand population has remained fairly constant since 1980.

Migration Estimates - Natural increase is an actual count of the births and deaths occurring annually. However, since states and counties do not collect migration statistics, migration is an estimate. The Utah Population Estimates Committee, like the Bureau of the Census, relies heavily upon school enrollment data as an indicator of migration.

To estimate net migration within the state and its counties by the school enrollment method, the Committee compares the survived enrollment (calculated by applying survival rates to the previous year's enrollment) in grades one through eight of the previous school year to grades two through nine of the present year. The difference between these two enrollment totals is taken to be net student migration for the area being estimated.

Total net migration for each county is derived by multiplying the county student migration estimate by the county population-to-student ratio. This ratio is defined as the total population estimate of the county for the previous year divided by the school enrollment of grades one through eight of the previous year. The school enrollment method population estimate is finally obtained by adding natural increase and estimated net migration to the previous year's population estimate.

The school enrollment method, as described above, is limited in estimating migration among the retired, college students, single persons and other groups that are not represented in school enrollment estimates. The Committee supplements these estimates, therefore, with other migration indicators such as the change in L.D.S. membership and the count of employees on non-agricultural payrolls.

The net migration information shown in Table 5 is derived using the "residual method," that is, the

Table 5
Components of Change
1984 to 1985 and 1985 to 1986

	Revised 1984 to 1985		Preliminary 1985 to 1986	
	Natural Increase	Net Migration	Natural Increase	Net Migration
Beaver	63	-153	32	-138
Box Elder	568	82	612	138
Cache	1,372	-469	1,359	-220
Carbon	262	-614	242	-541
Daggett	9	-81	11	5
Davis	3,065	844	3,085	2,082
Duchesne	341	-432	305	-636
Emery	202	-800	185	-163
Garfield	56	12	60	-37
Grand	78	-653	56	-245
Iron	404	-333	332	-151
Juab	95	4	90	-511
Kane	51	122	70	73
Millard	261	439	229	-880
Morgan	80	-2	53	7
Piute	5	53	-3	-21
Rich	35	-125	35	-68
Salt Lake	11,452	-1,634	11,506	-2,723
San Juan	229	-515	163	34
Sanpete	193	-339	225	-624
Sevier	195	-152	186	-503
Summit	204	22	195	117
Tooele	363	-324	354	-546
Uintah	550	-1,011	481	-1,510
Utah	5,484	-1,731	5,490	-2,504
Wasatch	142	-113	134	73
Washington	552	2,494	657	2,766
Wayne	29	-52	25	-55
Weber	2,245	-1,708	2,186	-754
State Total	28,585	-7,169	28,355	-7,535

Based on unrounded population estimates.

residual of total population change minus natural increases is net migration. Net out-migration occurs when the total observed change in population is smaller than the natural increase alone. Net in-migration occurs when the observed population is greater than that measured by natural increase alone.

As mentioned, Utah has had much lower levels of migration in the last few years. From July 1, 1980 to July 1, 1986 births were 237,138 and deaths were 51,461. This is a net natural increase of 185,677. With an overall increase of about 192,000 persons since 1980, Utah has had about 6,300 net in-migration. This net in-migration accounts for 3.3 percent of Utah's population increase in the 1980's. This is a very small amount compared to the 151,556 net in-migration, or 37 percent, of the growth that occurred in Utah during the 1970's.

L.D.S. Membership Method

The L.D.S. Church annually audits its records and enumerates the members residing in each county of the state. The Committee uses this information to make current population estimates. The L.D.S. membership method uses a total population to L.D.S. membership ratio which is obtained by dividing the previous year's population by the L.D.S. membership of

that year. This ratio is applied to the current L.D.S. membership to obtain a county population estimate. This method is relatively accurate in areas with high proportions of L.D.S. membership and low migration rates.

Local Coordination

At the Committee's December 1986 meeting, the tentative 1986 county and state population estimates were reviewed and approved. The respective county estimates were then sent to each county commission and to the seven Associations of Government for review and comment. Several telephone and written communications were received. These discussions have resulted in undertaking several data evaluation efforts in some counties to improve future reliability.

The local coordination effort is an important component of the estimation process. Although there will always be small differences between the Committee's estimates and estimates developed by local governments, it does assure the Committee that no major problems exist. The Committee is committed to keeping local governments informed of changes in estimation data and procedures.

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Table 6
Derivation of 1986 County Population Estimates

	Revised July 1, 1985 Population Estimates	1986 L.D.S. Membership Method	Fall 1986 School Enrollment Method	1986 Population Estimates Average	July 1, 1986 Preliminary Population Estimates	1985-86 Percentage Change
Beaver	5,050	5,040	4,849	4,945	4,950	-2.0
Box Elder	36,600	36,980	37,507	37,244	37,300	1.9
Cache	66,700	67,719	67,664	67,692	67,800	1.6
Carbon	23,400	22,801	23,222	23,012	23,000	-1.7
Daggett	700	705	697	701	700	0.0
Davis	170,000	175,685	175,033	175,359	175,000	2.9
Duchesne	14,700	14,372	14,290	14,331	14,300	-2.7
Emery	11,800	11,928	11,700	11,814	11,800	0.0
Garfield	4,050	4,019	4,078	4,049	4,050	0.0
Grand	7,050	6,830	6,886	6,858	6,850	-2.8
Iron	19,400	19,426	19,589	19,508	19,500	0.5
Juab	6,250	6,045	5,588	5,817	5,800	-7.2
Kane	4,700	4,823	4,815	4,819	4,800	2.1
Millard	14,200	14,142	12,956	13,549	13,600	-4.2
Morgan	5,450	5,455	5,537	5,496	5,500	0.9
Piute	1,550	1,552	1,529	1,541	1,550	0.0
Rich	2,100	2,024	2,065	2,045	2,050	-2.4
Salt Lake	689,000	696,920	698,027	697,474	698,000	1.3
San Juan	12,500	12,553	12,872	12,713	12,700	1.6
Sanpete	16,900	16,678	16,299	16,489	16,500	-2.4
Sevier	16,200	15,585	16,024	15,805	15,800	-2.5
Summit	12,400	12,589	12,860	12,725	12,700	2.4
Tooele	28,300	28,164	28,005	28,085	28,100	-0.7
Uintah	24,000	23,310	22,644	22,977	23,000	-4.2
Utah	250,000	251,338	255,212	253,275	253,000	1.2
Wasatch	9,200	9,359	9,503	9,431	9,450	2.7
Washington	35,700	38,940	39,149	39,045	39,100	9.5
Wayne	2,100	2,088	2,070	2,079	2,100	0.0
Weber	155,000	156,716	156,774	156,745	157,000	1.3
State Total	1,645,000	1,663,786	1,667,444	1,665,615	1,666,000	1.3

Utah Business Statistics

UTAH DATA	Oct 1985	Oct 1986	% Change From Year Ago	12 Month Average This Year	12 Month Average Last Year	12 Month Average % Change
Total Personal Income (seasonally adjusted) (mil. of dol.) (qtl.)	17,523	NA	NA	NA	17,079.5	NA
New Corporations (no.)	393	434	10.4%	470	441	6.5%
New Car, Truck and Motorhome Sales (no.)	6,232	NA	NA	NA	6,539	NA
Agriculture						
Average Prices Recorded by Farmers (dol.)						
Beef Steers and Heifers (cwt) (thous.)	56.20	56.00	-0.4%	55.19	56.29	-2.0%
Lambs (cwt)	66.40	63.80	-3.9%	64.23	62.93	2.1%
Milk Wholesale (cwt)	11.90	12.60	5.9%	11.74	12.40	-5.3%
Alfalfa Hay, Baled (per ton)	67.00	61.00	-9.0%	69.39	72.83	-4.7%
Cattle Slaughtered (live weight) (thous. of lbs.)	37,016	40,104	8.3%	36,272	32,812	10.5%
Construction						
Total Construction (thous. of dol.) ¹	196,800	144,475	-26.6%	126,453	134,642	-6.1%
Residential	61,600	67,764	10.0%	58,365	62,367	-6.4%
Nonresidential	58,300	64,230	10.2%	48,585	40,475	20.0%
Public Works and Utilities	76,800	12,481	-83.7%	19,753	31,783	-37.5%
Total Permit Construction (thous. of dol.) ²	200,179.9	99,717.7	-50.2%	111,364.9	119,134.3	-6.5%
Residential	125,345.1	63,123.3	-49.6%	59,216.7	61,779.9	-4.1%
Nonresidential	58,597.1	25,424.6	-56.6%	38,309.2	42,562.5	-10.0%
Additions, Alterations and Repairs	16,237.7	11,169.9	-31.2%	13,859.6	14,291.8	-3.0%
New Dwelling Units (no.)	2,748	903	-67.1%	1,120	1,369	-18.2%
Employment						
Civilian Labor Force (thous.)	778.8	771.5	-0.9%	752.5	745.1	1.0%
Total Employed Persons	737.4	728.2	-1.2%	709.6	698.3	1.6%
Unemployed Persons	41.4	43.3	4.6%	42.5	46.8	-9.1%
Percent Total Labor Force	5.3	5.6	5.7%	5.6	6.3	-10.5%
Employees on Nonagricultural Payrolls (thous. of jobs)	635.0	643.1	1.3%	634.6	621.3	2.1%
Manufacturing	96.1	91.3	-5.0%	92.5	95.9	-3.5%
Mining	9.1	8.2	-9.9%	8.4	10.3	-18.9%
Contract Construction	39.3	35.2	-10.4%	34.3	36.4	-5.7%
Transportation, Communication and Utilities	36.6	37.6	2.7%	37.3	36.6	2.0%
Wholesale Trade	36.0	36.1	0.3%	35.8	35.7	0.2%
Retail Trade	114.0	118.7	4.1%	116.2	111.4	4.3%
Finance, Insurance and Real Estate	31.2	33.3	6.7%	32.7	30.9	5.9%
Services ³	133.7	139.6	4.4%	137.0	129.1	6.2%
Federal Government	39.6	40.0	1.0%	40.4	38.8	4.2%
State Government ⁴	35.3	38.9	7.2%	37.9	35.4	7.0%
Local Government ⁴	63.3	64.2	1.4%	62.9	61.0	3.1%
Average Weekly Hours ⁵						
Manufacturing	40.4	40.0	-1.0%	40.5	40.2	0.7%
Mining	45.8	43.4	-5.2%	43.8	44.4	-1.3%
Wholesale Trade	34.6	37.1	7.2%	36.3	35.8	1.4%
Retail Trade	28.2	28.1	-0.4%	28.1	28.6	-1.9%
Amount of Unemployment Compensation (thous. of dol.)	5,712.6	6,560.3	14.8%	8,012.9	6,923.9	15.7%
Finance						
Savings, Savings and Loan Association (mil. of dol.)	2,366.1	2,417.4	2.2%	2,352.1	2,355.4	-0.1%
Tax Collections by the State of Utah (thous. of dol.)						
Total Tax Collections	68,650.5	65,100.6	-5.2%	124,355.4	124,520.3	-0.1%
Sales and Use Tax	15,182.7	12,928.3	-14.8%	45,247.1	45,402.4	-0.3%
Motor Fuel Tax	8,806.6	9,254.8	5.1%	7,675.1	7,902.0	-2.9%
Individual Income Tax	17,697.2	23,634.1	33.5%	38,475.2	37,258.4	3.3%
Corporation Franchise Tax	10,931.9	4,627.8	-57.7%	5,012.3	5,259.1	-4.7%
Production						
Net Electric Power Utilized (mil. of kwh)	1,039.8	NA	NA	NA	1,103.3	NA
Crude Oil to Refineries (thous. of bbls.)	3,654.0	4,286.8	17.3%	3,721.6	4,131.6	-9.9%
Crude Oil (thous. of bbls.)	3,582.0	3,136.9	-12.4%	3,319.4	3,340.9	-0.6%
Natural Gas (mil. of cu. ft.)	17,420.8	20,313.0	16.6%	19,180.8	16,750.2	14.5%
Coal (thous. short tons)	1,221.0	840.0	-31.2%	1,009.3	990.0	1.9%
Tourism/Travel						
Air Passengers (total no. on and off) (S.L. Int'l Airport)	659,333	766,624	16.3%	819,351	729,678	12.3%
Highway Traffic Count Across State Lines	33,558	37,187	10.8%	36,276	34,591	4.9%
Transient Room Taxes (thous. of dol.)	210.2	207.9	-1.1%	425.5	423.4	0.5%
Recreational Visits, State, Nat'l. Parks, Monuments (thous.) ⁶	682.6	797.2	16.8%	1,013.0	915.6	10.6%
Utilities						
Telephone Lines in Service (Mt. Bell) (Residential)	466,731	477,003	2.2%	470,756	459,970	2.3%
Telephone Lines in Service (Mt. Bell) (Nonresidential)	165,465	170,836	3.2%	167,789	165,399	1.4%
Electric Customers (Residential)	408,815	NA	NA	NA	428,265	NA
Electric Customers (Commercial)	38,299	NA	NA	NA	41,428	NA
Natural Gas Customers (Residential & Commercial)	420,541	434,658	3.4%	433,577	421,099	3.0%
Natural Gas Customers (Industrial)	573	572	-0.2%	568	551	3.1%

Utah Business Statistics

UTAH DATA	Oct 1985	Oct 1986	% Change From Year Ago	12 Month Average This Year	12 Month Average Last Year	12 Month Average % Change
Davis County						
Non-Ag. Employment (thous.)	52.1	53.1 ^{fo}	1.9%	52.3	51.0	2.4%
Unemployment Rate	3.1	4.4 ^r	41.9%	3.9	3.8	2.0%
Auth. Permit Construction (thous. of dol.)	26,322.3	14,193.9	-46.1%	15,782.5	13,105.6	20.4%
New Dwelling Units (no.)	151	137	-9.3%	226	164	38.0%
Postal Receipts (thous. of dol.)	335.3	367.3 ^r	9.5%	325.6	329.1	-1.1%
Electric Customers (Residential) ⁸	32,949	45,874	NA	NA	NA	NA
Electric Customers (Commercial)	2,442	3,187	NA	NA	NA	NA
Natural Gas Customers (Residential)	44,131	46,538	5.5%	45,941	43,849	4.8%
Natural Gas Customers (Industrial)	50	51	2.0%	50	49	2.0%
Telephone Lines in Service (Mt. Bell)(Residential)	50,605	53,799	6.3%	52,293	42,652	22.6%
Telephone Lines in Service (Mt. Bell)(Nonresidential)	9,750	10,350	6.1%	10,041	8,169	22.9%
Salt Lake County						
Non-Ag. Employment (thous.)	330.6	337.1 ^{fo}	2.0%	333.0	324.2	2.7%
Unemployment Rate	5.0	5.1 ^r	2.0%	5.3	5.7	-6.6%
Auth. Permit Construction (thous. of dol.)	59,578.0	48,614.3	-18.4%	60,713.1	57,007.2	6.5%
New Dwelling Units (no.)	362	400	10.5%	578	622	-7.0%
Postal Receipts (thous. of dol.)	6,956.5	7,432.2 ^r	6.8%	7,274.7	6,749.2	7.8%
Electric Customers (Residential)	224,391	232,400	3.6%	230,420	220,659	4.4%
Electric Customers (Commercial)	18,624	19,411	4.2%	19,204	18,407	4.3%
Natural Gas Customers (Residential)	203,729	211,800	4.0%	211,623	204,081	3.7%
Natural Gas Customers (Industrial)	260	254	-2.3%	257	252	1.6%
Telephone Lines in Service (Mt. Bell)(Residential)	219,152	224,537	2.5%	221,775	216,010	2.7%
Telephone Lines in Service (Mt. Bell)(Nonresidential)	106,634	108,525	1.8%	107,552	107,954	-0.4%
Utah County						
Non-Ag. Employment (thous.)	72.7	72.2 ^{fo}	-0.7%	71.4	70.1	1.9%
Unemployment Rate	5.3	6.3 ^r	18.9%	6.0	6.6	-8.6%
Auth. Permit Construction (thous. of dol.)	11,111.5	9,003.5	-19.0%	9,323.6	10,501.5	-11.2%
New Dwelling Units (no.)	59	116	96.6%	103	80	28.6%
Postal Receipts (thous. of dol.)	948.0	923.0 ^r	-2.6%	913	869	5.1%
Electric Customers (Residential) ⁹	NA	49,983	NA	NA	NA	NA
Electric Customers (Commercial)	NA	6,175	NA	NA	NA	NA
Natural Gas Customers (Residential)	58,383	59,730	2.3%	59,461	58,467	1.7%
Natural Gas Customers (Industrial)	70	72	2.9%	71	69	3.4%
Telephone Lines in Service (Mt. Bell)(Residential)	62,636	64,439	2.9%	62,124	61,040	1.8%
Telephone Lines in Service (Mt. Bell)(Nonresidential)	15,088	16,209	7.4%	15,741	14,715	7.0%
Weber County						
Non-Ag. Employment (thous.)	57.7	59.6 ^{fo}	3.3%	100.7	56.6	77.8%
Unemployment Rate	4.2	5.8 ^r	38.1%	5.5	6.1	-8.5%
Auth. Permit Construction (thous. of dol.)	16,435.7	8,781.7	-46.6%	9,066.1	6,928.9	1.5%
New Dwelling Units (no.)	318	72	-77.4%	76	89	-14.8%
Postal Receipts (thous. of dol.)	563.2	600.7 ^r	6.7%	613.6	551.7	11.2%
Electric Customers (Residential)	50,715	52,000	2.5%	51,623	50,541	2.1%
Electric Customers (Commercial)	4,619	4,731	2.4%	4,727	4,599	2.8%
Natural Gas Customers (Residential)	46,827	47,974	2.4%	47,833	46,887	2.0%
Natural Gas Customers (Industrial)	87	87	0.0%	87	80	9.3%
Telephone Lines in Service (Mt. Bell)(Residential)	45,144	45,541	0.9%	45,368	44,913	1.0%
Telephone Lines in Service (Mt. Bell)(Nonresidential)	10,503	10,624	1.2%	10,563	10,330	2.3%

^r Revised ^{fo} Forecast na - Not available

Sources:

Personal Income:	Bureau of Economic Analysis, U.S. Department of Commerce
New Corporations:	Utah Secretary of State
New Car and Truck Sales:	Utah State Tax Commission, Economic and Statistical Unit
Agriculture:	U.S. Department of Agriculture, <u>Agriculture, Utah</u> : Utah Crop and Livestock Reporting Service
Construction Data:	F.W. Dodge Statistics and <u>Utah Construction Report</u> , Bureau of Economic and Business Research
Employment Data:	Utah Department of Employment Security
Savings Information:	Utah Savings and Loan Institutions
Tax Collections:	Utah State Tax Commission
Net Electric Power Utilized:	Cooperating Utah power companies
Crude Oil Production:	Area oil refineries
Natural Gas Production:	Utah Department of Oil, Gas, and Mining
Coal Production:	U.S. Department of Energy
Air Passengers:	Salt Lake City International Airport, Statistics Division
Highway Traffic Count:	Utah Department of Transportation
Visits to State and National Parks and Monuments:	U. S. Forest Service, Utah State Parks and Recreation Department
Utilities Data:	Cooperating Utah utility companies
Postal Receipts:	Postmasters in Davis, Salt Lake, Utah, and Weber Counties

Footnotes:

- 1 Obtained from F.W. Dodge Statistics
- 2 Obtained from Utah Construction Report
- 3 Includes services by nonprofit and religious institutions
- 4 Includes public schools and college institutions
- 5 Contract construction data are no longer available
- 6 Visits to State and National Parks and Monuments have been revised to show recreational visits only
- 7 Number of Electric customers (both residential and commercial) are not comparable for 1985 and 1986 due to the inclusion of data provided by Bountiful Power.
- 8 Number of electric customers in Davis county are not comparable for 1985 and 1986 due to the inclusion of data provided by Bountiful Power.
- 9 Number of electric customers in Utah county for 1985 is not available due to a conversion at Provo Power Company; therefore, changes and averages comparing October 1985 and October 1986 are not available.

NATIONAL DATA

	Oct 1985	Oct 1986	% Change From Year Ago	12 Month Average This Year	12 Month Average Last Year	12 Month Average % Change
U.S. Gross National Product (seasonally adjusted) (bil.) (qtrly.)	4,081.5	4,268.4 ^P	5.1%	4,174.1	3,954.3	5.6%
Total Personal Income (seasonally adjusted) (bil. of dol.)	3,330.8	3,520.3	5.7%	3,458.8	3,265.1	5.9%
Industrial Production Indexes (seasonally adjusted) (1977=100)	124.4	125.2	0.6%	125.0	124.1	0.8%
Total Non-Farm Bus. Expend. on New Plants & Equip. (bil.) (qtrly.)	389.0	394.3 ^A	1.4%	381.3	380.7	0.1%
Index of Leading Indicators (1967=100)	171.0	180.4	5.5%	176.9	167.3	5.8%
Price Indexes						
Consumer Price Indexes (not seasonally adjusted) (1967=100)						
CPI-U (All Urban Consumers) All Items	325.5	330.5	1.5%	327.7	320.3	2.3%
CPI-U (All Urban Consumers) Food & Beverages	302.5	315.6	4.3%	317.3	300.7	5.9%
CPI-U (All Urban Consumers) Housing	354.4	363.0	2.4%	359.1	347.5	3.3%
CPI-U (All Urban Consumers) Transportation	320.9	302.6	-5.7%	313.5	318.7	-1.6%
CPI-U (All Urban Consumers) Medical Care	410.5	442.3	7.7%	428.2	398.8	7.4%
CPI-U (All Urban Consumers) Energy	427.1	348.6	-18.4%	384.2	425.8	-9.7%
Producer Price Index (not seasonally adjusted) (1967=100)						
Producer Price Index, All Finished Goods	294.8	290.5	-1.5%	290.8	293.0	-0.7%
GNP Price Deflator (1982=100) (qtrly.)	113.0	115.3 ^P	2.0%	114.1	111.1	2.8%
Employment (seasonally adjusted)						
Civilian Labor Force (mil.)	107.8	118.4	9.8%	116.1	108.8	6.7%
Total Employed Persons (mil.)	116.1	110.2	-5.1%	110.5	115.2	-4.0%
Unemployment Rate	7.1	7.0	-1.4%	7.0	7.2	-2.8%
Construction						
Total Construction (mil. of dol.)	21,145.8	21,276.2	-0.3%	18,938.2	18,710.8	2.8%
Residential	9,598.4	10,636.0	10.8%	9,406.4	8,546.5	10.3%
Nonresidential	8,486.8	7,123.7	-16.1%	6,705.3	6,612.0	1.4%
Non-Building	3,060.6	3,516.5	14.9%	3,321.5	3,552.3	-6.5%
New Dwelling Units (no.)	158,237	144,441	-8.7%	139,832	140,820	-0.8%
Interest Rates						
Short Term (3-month Treasury bill rate)	7.17	5.18	-27.8%	5.26	7.71	-31.8%
Long Term (30-year Treasury bond yields)	10.56	8.04	-23.9%	8.49	10.98	-22.7%
Prime Rates Charged by Banks on Short-term Business Loans (ave.)	9.50	7.50	-21.1%	8.67	10.25	-15.5%
Mortgage Rates (new homes)	10.64	9.57	-10.1%	10.01	11.39	-12.2%

P Preliminary A Anticipated

Sources: Business Conditions Digest, U.S. Department of Commerce; U.S. Gross National Product, Total National Personal Income, Industrial Production Indexes, Total Business Expenditures for New Plant and Equipment, Index of Leading Indicators, GNP Price Deflator, National Employment Data, Interest Rates.

F.W. Dodge Report, McGraw-Hill; National Construction Data.

Survey of Current Business, U.S. Department of Commerce; New Home Mortgage Rates.

Utah Labor Market Report, Utah Department of Employment Security; Consumer Price Indexes, Producer Price Indexes.

ERRATA -- Vol. 46, Nos. 10-11

The number of electric customers reported for September 1986 was incorrect. The correct numbers are 463,000 (residential) and 45,755 (commercial). These numbers are not comparable with 1985 data due to the inclusion of information provided by Bountiful Power in 1986.

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